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**Constructive Text-Book of Practical Mathematics.** By HORACE W. MARSH. Vol. II, Technical Algebra, Part I. New York: John Wiley & Sons. Pp. 428. $2.00 net.

This text is the result of an attempt on the part of the author to solve the problem of the teaching of mathematics, not from the point of view of the mathematician, but from the necessities of the student and the demands of the environment in which he is and into which he is to go.

**Durell's Algebra, Book One.** By FLETCHER DURELL. New York: Charles E. Merrill Company. Pp. 393. $1.00.

The authors main purpose in writing this book has been to simplify principles and give them interest. In extent it covers the work of the first year and so begins as to remove much of the initial difficulty usual to the subject. Effort is made to keep the interest alive by connecting the subject with everyday life.

**Practical Mathematics.** By NORMAN W. M'LACHLAN. London: Longmans, Green and Company. Pp. 184. 80 cents.

This book is designed for students in evening and day technical schools and covers geometry, algebra, trigonometry, including the use of logarithms.

**Analytic Geometry and Principles of Algebra.** By ALEXANDER ZIWET and LOUIS ALLEN HOPKINS. New York: The Macmillan Co. Pp. 369. $1.60.

The authors of this work have combined certain topics of algebra with analytic geometry, believing that in this way the student will get a better idea of the meaning and usefulness of the topics. Simultaneous linear equations are taken in connection with the straight line, quadratics in connection with the circle and something of numerical algebraic equations in general in connection with plotting.

A chapter is devoted to higher plane curves and several to solid analytic geometry.

**A History of Japanese Mathematics.** By DAVID EUGENE SMITH and YOSHIO MIKAMI. Chicago: The Open Court Publishing Company. Pp. 288. $3.00.

It is only in recent years that Japanese mathematics and mathematicians have attracted any attention in the western world. It is therefore very appropriate that at this time two men well qualified for the task should give us a history of Japanese mathematics. It starts back with the earliest period and comes down to quite recent times and makes very interesting reading.

**Miss Billy Married.** By ELEANOR H. PORTER. Boston: The Page Company. Pp. 383. $1.25.

The doctrine of joy and gladness is one which the world is in no